

What is claimed is:

1. A heat imprinting machine, comprising:

a frame including a base, a support post extending upwardly from the base, and a horizontal support arm connected to the post and spaced above the base;

5 a lower platen connected to said frame below the support arm;

an upper platen connected to the support arm for movement toward and away from the lower platen; and

a work piece support comprising:

a carrier sleeve surrounding the post and movable up and down on the post;

10 a spring below the carrier, between the carrier and a spring support on the frame; and

a work piece supporting board positioned between the upper and lower platens, said board having an end portion connected to the carrier sleeve;

15 whereby the upper platen is movable downwardly against the work piece holder and causes the work piece holder to be moved downwardly against the spring and towards the lower platen.

2. The machine of claim 1, comprising a detachable connection between said end portion of the work piece support and said carrier sleeve.

3. The machine of claim 2, wherein the detachable connection comprises first and second connector components, one on the sleeve and the other on the work piece support, said first connector component comprising a horizontal connector pin and a support below the connector pin, and said second component comprising a
5 tongue having an upwardly directed recess and a lower surface, wherein the tongue is insertable between the connector pin and the support surface into a position in which the connector pin is located in the recess and the surface on the bottom of the tongue is on the support surface.

4. The machine of claim 3, wherein said connector further includes a

locator pin on one said components and a socket in the other of said components, wherein the locator pin is received within the socket when the tongue is on the support surface and the connector pin is in the recess.

5. The machine of claim 4, wherein the connector pin and the support surface are a part of the connector component that is on the sleeve.

6. The machine of claim 5, wherein the socket is in the connector component that is on the sleeve and the locator pin is on the connector component that is on the work piece support.

7. The machine of claim 5, wherein the socket tapers inwardly and the locator pin has a substantially complementary taper.

8. The machine of claim 5, comprising an internally threaded axial opening in the locator pin and an externally threaded leveling screw within said opening, said socket having a bottom and said leveling screw having a head that makes contact with the bottom of the socket when the locator pin is in the socket.

9. The machine of claim 3, comprising at least one key slot formed in one of the connector components and a complementary key formed on the other connector component, said key and key slot extending perpendicular to the connector pin and the recess.

10. The machine of claim 9, comprising two key slots and two keys.

11. The machine of claim 10, wherein the key slots are formed in the support below the connector pin and the keys are formed on the bottom of the tongue.

12. The machine of claim 11, wherein said connector further includes a

locator pin on one of said components and a socket in the other said components, wherein the locator pin is received within the socket when the tongue is on the support surface and the connector pin is in the recess.

13. The machine of claim 9, wherein the connector pin and the support surface are a part of the connector component that is on the sleeve.

14. The machine of claim 9, wherein the socket is in the connector component that is on the sleeve and the locator pin is on the connector component that is on the work piece support.